

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2010 Levee Inspection Results

Reclamation District No. 0501 Ryer Island

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0501 Ryer Island

Waterway			Bank	Unit Miles
Unit No. 01 Steamboat Slough			Right	6.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2010 - 3/30/2010			
DWR Inspector	Herman Phillips			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough				Right	6.76	03/30/2010 03/30/2010	Herman Phillips	

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.03	0.38	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.254013 ° -121.601808 °	38.249153 ° -121.603064 °	1
2	0.03	0.06	Earthen Levee	Trim / Thin rees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.254011 ° -121.601810 °	38.253547 ° -121.602264 °	2
3	0.05	0.09	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.253767 ° -121.602038 °	38.253207 ° -121.602472 °	965
4	0.05	0.06	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.253710 ° -121.602098 °	38.253608 ° -121.602200 °	962 Y
5	0.08	0.67	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.253298 ° -121.602420 °	38.245075 ° -121.602948 °	966
6	0.13	0.24	Earthen Levee	Trim / Thin rees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.252764 ° -121.602715 °	38.251251 ° -121.603084 °	3
7	0.13	0.37	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.252658 ° -121.602835 °	38.249205 ° -121.603128 °	67
8	0.26	0.28	Earthen Levee	Trim / Thin rees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: There is a thick growth of fig trees that should be removed from levee section that blocks the view of the levee slope.	38.250927 ° -121.603107 °	38.250610 ° -121.603111 °	5
9	0.30	0.35	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.250261 ° -121.603126 °	38.249562 ° -121.603105 °	6
10	0.51	0.51	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.247310 ° 121.602876 °	38.247310 ° -121.602876 °	963
11	0.54	0.54	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.246707 ° -121.602925 °	38.246707 ° -121.602925 °	69
12	0.55	0.55	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246798 ° -121.602872 °	38.246798 ° -121.602872 °	7
13	0.66	0.70	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.245010 ° -121.602955 °	38.244523 ° -121.602940 °	18
14	0.67	0.67	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244962 ° -121.602950 °	38.244962 ° -121.602950 °	967
15	0.68	0.70	Earthen Levee	Encroachments	LS	PO	Landscaping	38.244926 ° -121.602901 °	38.244541 ° -121.602938 °	8
16	0.69	1.20	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.244667 ° -121.602967 °	38.237470 ° -121.604418 °	71
17	0.70	0.75	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.244540 ° -121.602937 °	38.243835 ° -121.603057 °	10

*** Location**

LS : Land Side
WS : Water Side
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**** Rating**

A : Acceptable
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N : Not Inspected
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W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough						Right	6.76	03/30/2010 03/30/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
18	0.73	1.17	Earthen Levee	Vegetation	LS	U	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: I listed this growth in my last inspection and has asked District to remove, it hasnot ben removed.	38.244177 ° -121.603013 °	38.237905 ° -121.604462 °	968 Y
19	0.75	0.94	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There is wild berries growing on levee slope and toe that blocks the view of the levee.	38.243835 ° -121.603057 °	38.241204 ° -121.603568 °	9 Y
20	1.00	1.17	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.240333 ° -121.603863 °	38.237953 ° -121.604482 °	969
21	1.22	2.03	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.237266 ° -121.604423 °	38.225716 ° -121.603951 °	11
22	1.22	1.86	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.237268 ° -121.604424 °	38.228141 ° -121.604157 °	12
23	1.31	2.16	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.235877 ° -121.604325 °	38.223788 ° -121.603603 °	970
24	1.55	1.74	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Took 1 photo of the wild growth of berries. On slope and toe. 100-0656 7/7.	38.232531 ° -121.603485 °	38.229930 ° -121.603892 °	13 Y
25	1.93	2.02	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.227095 ° -121.604180 °	38.225842 ° -121.604002 °	971
26	2.04	2.10	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.225500 ° -121.603887 °	38.224738 ° -121.603750 °	26
27	2.24	2.29	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.222758 ° -121.603348 °	38.222030 ° -121.603303 °	27
28	2.36	2.37	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.221045 ° -121.603584 °	38.220902 ° -121.603631 °	964
29	2.44	4.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.219976 ° -121.604168 °	38.197748 ° -121.616084 °	14
30	2.44	2.69	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.219980 ° -121.604178 °	38.216808 ° -121.606577 °	972
31	2.55	2.60	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.218470 ° -121.605105 °	38.217875 ° -121.605532 °	32
32	2.65	2.65	Earthen Levee	Trim / Thin rees	LS	C	Trim trees to at least five feet above ground level.	38.217287 ° -121.606083 °	38.217287 ° -121.606083 °	33

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough						Right	6.76	03/30/2010 03/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
33	2.67	2.73	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.217030 ° -121.606303 °	38.216408 ° -121.607057 °	34
34	2.84	3.31	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.215112 ° -121.608273 °	38.208925 ° -121.611162 °	36
35	2.92	2.97	Earthen Levee	Encroachments	LS	PO	Landscaping	38.214235 ° -121.608993 °	38.213547 ° -121.609527 °	37
36	3.20	3.24	Earthen Levee	Encroachments	LS	PO	Landscaping	38.210429 ° -121.610503 °	38.209974 ° -121.610703 °	15
37	3.27	3.33	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.209548 ° -121.610882 °	38.208632 ° -121.611275 °	41
38	3.34	3.36	Earthen Levee	Trim / Thin rees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: The District need to do a better job in controlling the wild growth of trees on the levee section.	38.208468 ° -121.611348 °	38.208292 ° -121.611437 °	43 Y
39	3.49	3.61	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.206545 ° -121.612178 °	38.204740 ° -121.612875 °	973
40	3.55	5.08	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.205654 ° -121.612549 °	38.194993 ° -121.631661 °	28
41	3.60	3.66	Earthen Levee	Trim / Thin rees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.204983 ° -121.612868 °	38.204227 ° -121.613045 °	47
42	3.74	3.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202997 ° -121.613447 °	38.202730 ° -121.613520 °	49
43	3.76	3.80	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202820 ° -121.613498 °	38.202197 ° -121.613732 °	50
44	3.76	3.80	Earthen Levee	Trim / Thin rees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202812 ° -121.613495 °	38.202213 ° -121.613733 °	51
45	3.76	4.16	Earthen Levee	Trim / Thin rees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.202818 ° -121.613545 °	38.197492 ° -121.616342 °	79
46	3.77	4.14	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.202657 ° -121.613553 °	38.197778 ° -121.616080 °	974
47	3.80	4.14	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries 3-5 foot tall from shoulder to toe of slope. Two photos taken.	38.202193 ° -121.613735 °	38.197748 ° -121.616083 °	16 Y
48	4.09	4.14	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.198390 ° -121.615630 °	38.197778 ° -121.616083 °	976

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Steamboat Slough						Right	6.76	03/30/2010 03/30/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
49	4.18	4.24	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197277 ° -121.616550 °	38.196657 ° -121.617286 °	17
50	4.18	4.37	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.197254 ° -121.616522 °	38.195576 ° -121.619088 °	29
51	4.41	4.41	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.195332 ° -121.619749 °	38.195310 ° -121.619801 °	19
52	4.98	4.99	Earthen Levee	Encroachments	LS	M	Equipment	38.195057 ° -121.629965 °	38.195068 ° -121.630173 °	977
53	5.36	5.36	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.193346 ° -121.636419 °	38.193346 ° -121.636419 °	25
54	5.42	5.46	Earthen Levee	Trim / Thin rees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.192878 ° -121.637332 °	38.192588 ° -121.637802 °	978
55	5.75	5.79	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.190590 ° -121.642468 °	38.190246 ° -121.643164 °	24
56	5.92	6.21	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.188929 ° -121.644645 °	38.185941 ° -121.648359 °	20
57	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Fences	38.184540 ° -121.653865 °	38.183924 ° -121.657321 °	21
58	6.53	6.73	Earthen Levee	Encroachments	WS	PO	Landscaping	38.184539 ° -121.653865 °	38.183923 ° -121.657321 °	22
59	6.63	6.67	Earthen Levee	Trim / Thin rees	WS	M	Trim trees to at least five feet above ground level.	38.184136 ° -121.655762 °	38.184040 ° -121.656291 °	23

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.05
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees

photo show wild growth of fog trees on shoulder and slope of levee, not able to see the leve slope at all.

phillips_s_20100510_039.jpg



Levee Mile Report Line	18
Start Levee Mile	0.73
End Levee Mile	1.17
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows where the berry vines has covered the slope from shoulder to toe of levee section. Levee mile 0.73 to levee mile 0.79

phillips_s_20100630_109.jpg



Levee Mile Report Line	18
Start Levee Mile	0.73
End Levee Mile	1.17
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Land side looking down stream berry vines has claimed the levee slope.

phillips_s_20100630_110.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

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Levee Mile Report Line	18
Start Levee Mile	0.73
End Levee Mile	1.17
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Berry vines continue out of control along the levee section from sholder to toe of levee section. Standing at levee mile 0.79 looking down stream.

phillips_s_20100630_111.jpg



Levee Mile Report Line	19
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The berries here completely blocks the view of the levee section. Standing at levee mile 0.75 looking downstream to levee mile 0.94.

phillips_s_20100630_112.jpg



Levee Mile Report Line	24
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 1.55 looking downstream landside slope is covered with wild berries.

phillips_s_20100630_113.jpg



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**Flood Control Project Maintenance
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Unit No. 01 Steamboat Slough	Right	6.76	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	38
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees

Wild growth of trees on the landward shoulder and slope on levee. Standing at levee mile 3.34 looking downstream to levee mile 3.36.

phillips_s_20100630_114.jpg



Levee Mile Report Line	47
Start Levee Mile	3.80
End Levee Mile	4.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This section here shows that the berry vines are taller than the cab of the truck, you can't see the slope or toe because of the wild growth.

phillips_s_20100630_115.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0501 Ryer Island

Waterway			Bank	Unit Miles
Unit No. 02 Cache Slough			Left	3.57

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/31/2010 - 3/31/2010			
DWR Inspector	Herman Phillips			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough						Left	3.57	03/31/2010 03/31/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.08	Earthen Levee	Encroachments	WS PO	Fences		38.184050 ° -121.657713 °	38.185178 ° -121.658515 °	2
2	0.00	0.29	Earthen Levee	Encroachments	WS CO	Landscaping		38.184053 ° -121.657713 °	38.188020 ° -121.658045 °	1
3	0.00	2.45	Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.		38.184043 ° -121.657758 °	38.213458 ° -121.665155 °	3
4	0.10	2.89	Earthen Levee	Animal Control	LS M	Exterminate rodents and backfill and compact or grout burrows.		38.228967 ° -121.672237 °	38.218500 ° -121.669783 °	17
5	0.30	0.78	Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements.		38.188063 ° -121.658017 °	38.194433 ° -121.655062 °	5
6	0.31	1.15	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.188107 ° -121.658012 °	38.199775 ° -121.655375 °	14
7	0.53	0.53	Earthen Levee	Trim / Thin rees	WS M	Trim and thin trees to allow visibility of the ground and room to flood fight.		38.191117 ° -121.656468 °	38.191170 ° -121.656437 °	11
8	0.77	0.93	Earthen Levee	Cracking	CR M	Monitor and have inspected by geotechnical engineer. Inspector Comments: This District unit 2 and unit 3 has been known for cracks in crown roadway and both shoulders. CalTrans has plans for future repairs to the road way as per the District in unit 1. I mentioned the cracking to Daniel and showed him photos of the same.		38.194277 ° -121.655182 °	38.196728 ° -121.655322 °	907
9	0.98	1.16	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	Keep the crown roadway free of vegetation.		38.197318 ° -121.655395 °	38.199902 ° -121.655320 °	4
10	1.07	1.11	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.198602 ° -121.655605 °	38.199148 ° -121.655490 °	8
11	1.13	1.17	Supplemental	USACE Erosion Survey	WS U	Inspector Comments: 2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS_15-9_L]		38.200147 ° -121.655639 °	38.199531 ° -121.655836 °	20 Y
12	1.23	1.31	Earthen Levee	Cracking	CR M	Monitor and have inspected by geotechnical engineer.		38.200907 ° -121.655187 °	38.201998 ° -121.655053 °	908
13	1.30	1.40	Earthen Levee	Cracking	CR U	Monitor and have inspected by geotechnical engineer.		38.201928 ° -121.655008 °	38.203362 ° -121.654865 °	6 Y
14	1.48	1.71	Earthen Levee	Cracking	CR U	Monitor and have inspected by geotechnical engineer.		38.204375 ° -121.655042 °	38.207620 ° -121.656207 °	7 Y
15	1.74	1.76	Earthen Levee	Encroachments	WS M	Debris		38.207977 ° -121.656065 °	38.208178 ° -121.655760 °	9

*** Location**

LS : Land Side
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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Cache Slough						Left	3.57	03/31/2010 03/31/2010	Herman Phillips	
LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	1.83	2.12	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer.	38.209170 ° -121.655662 °	38.210392 ° -121.660483 °	10
17	2.04	3.57	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.209850 ° -121.659215 °	38.227795 ° -121.673132 °	12
18	2.46	3.37	Earthen Levee	Vegetation	LS	U	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Two photos taken one looking downstream from levee mile 2.46 towards 3.37 and one taken downstream at 3.37 looking back upstream to levee mile 2.46.	38.213465 ° -121.665160 °	38.224983 ° -121.672637 °	13 Y
19	3.07	3.53	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer.	38.220990 ° -121.671332 °	38.227270 ° -121.673082 °	909
20	3.43	3.43	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.225823 ° -121.672837 °	38.225823 ° -121.672837 °	16
21	3.44	3.44	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.225987 ° -121.672870 °	38.225987 ° -121.672870 °	18

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	11
Start Levee Mile	1.13
End Levee Mile	1.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 3 ft berm, 2:1 slope, holes and slumping, clays and cobbles, 10.9 ft/s [2009 SiteID:CHS_15-9_L]	
USACE2009_CHS_15-9_L_2009_09_18-D4P32_small.JPG	



Levee Mile Report Line	13
Start Levee Mile	1.30
End Levee Mile	1.40
Location	Crown
Category	Earthen Levee
Item	Cracking
Levee mile 2.46 looking downstream on land side weeds needs to be controlled, slopes can not be seen. This growth proceeds downstream to levee mile 3.37.	
phillips_s_20100630_116.jpg	



Levee Mile Report Line	13
Start Levee Mile	1.30
End Levee Mile	1.40
Location	Crown
Category	Earthen Levee
Item	Cracking
Standing at levee mile 3.37 land side looking back upstream to levee mile 2.46. Can't see the slope for wild growth.	
phillips_s_20100630_117.jpg	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	1.48
End Levee Mile	1.71
Location	Crown
Category	Earthen Levee
Item	Cracking

Looking at cracking on roadway, this shot is representation of many cracks along the roadway in this unit. This levee has shown cracks for many years now

phillips_s_20100630_118.jpg



Levee Mile Report Line	14
Start Levee Mile	1.48
End Levee Mile	1.71
Location	Crown
Category	Earthen Levee
Item	Cracking

Cracking continues.

phillips_s_20100630_119.jpg



Levee Mile Report Line	18
Start Levee Mile	2.46
End Levee Mile	3.37
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The weeds on the L/S slope are taller than the vehicle. These weeds are on the slope and shoulder.

phillips_s_20100607_067.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	18
Start Levee Mile	2.46
End Levee Mile	3.37
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This shot actually shows the extent of growth on the slopes. I'm facing down stream. The weeds are the same through this unit.

phillips_s_20100607_068.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0501 Ryer Island

Waterway			Bank	Unit Miles
Unit No. 03 Miner Slough			Left	7.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2010 - 3/30/2010			
DWR Inspector	Herman Phillips			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough					Left	7.82	03/30/2010 03/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	6.65	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.228247 ° -121.673080 °	38.290385 ° -121.623608 °	2
2	0.01	6.67	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.228005 ° -121.673065 °	38.290007 ° -121.624532 °	1
3	0.61	0.62	Earthen Levee	Trim / Thin rees	WS	M	Trim trees to at least five feet above ground level.	38.234213 ° -121.665748 °	38.234290 ° -121.665657 °	5
4	1.57	1.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.246660 ° -121.688600 °	38.666000 ° -121.690000 °	43
5	1.74	1.75	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer. Inspector Comments: This area was discovered by the District and we were given a call to come out and inspect. Photos were taken and I mentioned this to Daniel, he has seen the photos District is working with their Engineering Department and the Highway Department to make repairs of this problem.	38.247300 ° -121.658142 °	38.247377 ° -121.657997 °	10 Y
6	1.81	1.81	Earthen Levee	Trim / Thin rees	WS	M	Trim trees to at least five feet above ground level.	38.247820 ° -121.657192 °	38.247833 ° -121.657137 °	11
7	2.23	2.27	Earthen Levee	Trim / Thin rees	WS	U	Thin trees to allow visibility of the ground and room to flood fight.	38.253727 ° -121.655487 °	38.254223 ° -121.655133 °	14 Y
8	2.43	2.43	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.254485 ° -121.652110 °	38.254410 ° -121.652237 °	45
9	2.60	2.75	Earthen Levee	Trim / Thin rees	WS	M	Trim trees to at least five feet above ground level. Inspector Comments: photo 14/14 100-0672 w/s trees.levee mile 2.60	38.257445 ° -121.651437 °	38.258759 ° -121.651449 °	3
10	2.65	2.77	Earthen Levee	Trim / Thin rees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: took two photos 15/16 100-0673 16/16 100-0674.	38.257278 ° -121.651417 °	38.259067 ° -121.651462 °	16 Y
11	3.40	3.40	Earthen Levee	Trim / Thin rees	WS	M	Trim trees to at least five feet above ground level.	38.264602 ° -121.644355 °	38.264602 ° -121.644355 °	4
12	3.52	3.55	Earthen Levee	Trim / Thin rees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: photo 17/17 100-0675 l/m 3.52	38.265523 ° -121.642537 °	38.265778 ° -121.642243 °	21 Y
13	3.62	3.90	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.266655 ° -121.641495 °	38.270148 ° -121.641530 °	46
14	3.69	3.70	Earthen Levee	Trim / Thin rees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Wild growth has completely covered the slope on landside. There need to be some brush removal to see slope.	38.267485 ° -121.640667 °	38.267578 ° -121.640507 °	22 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough						Left	7.82	03/30/2010 03/30/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	3.71	3.73	Earthen Levee	Encroachments	LS	PO	Buildings	38.267642 ° -121.640452 °	38.267907 ° -121.640327 °	23
16	3.73	3.80	Earthen Levee	Trim / Thin rees	LS	U	Thin trees to allow visibility of the ground and room to flood fight.	38.267927 ° -121.640332 °	38.268932 ° -121.640597 °	24
17	4.06	4.16	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.272307 ° -121.641668 °	38.273723 ° -121.641085 °	47
18	4.24	4.30	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.274873 ° -121.640688 °	38.275230 ° -121.639948 °	48
19	4.72	4.89	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.279708 ° -121.639805 °	38.281523 ° -121.641635 °	49
20	4.74	4.89	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.279830 ° -121.640048 °	38.281532 ° -121.641668 °	50
21	5.57	5.75	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District in process of burning both water side and land side of the remainder of this unit working their way to unit 4.	38.289092 ° -121.643378 °	38.289662 ° -121.640412 °	27
22	5.80	5.97	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.289623 ° -121.639523 °	38.290303 ° -121.636620 °	51
23	6.24	6.29	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.291548 ° -121.632075 °	38.291360 ° -121.631195 °	30
24	6.43	6.52	Earthen Levee	Trim / Thin rees	WS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: 19/19 100-0677 l/m 6.35 waterside.trees. 6.52 end.	38.290750 ° -121.628772 °	38.290268 ° -121.627285 °	6 Y
25	7.10	7.28	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer.	38.289652 ° -121.617083 °	38.288195 ° -121.614512 °	53
26	7.15	7.27	Earthen Levee	Cracking	CR	M	Monitor and have inspected by geotechnical engineer.	38.289428 ° -121.616178 °	38.288267 ° -121.614598 °	52
27	7.63	7.68	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.287098 ° -121.608685 °	38.286663 ° -121.608530 °	7
28	7.65	7.65	Earthen Levee	Encroachments	LS	PO	Stairways	38.286785 ° -121.608583 °	38.286785 ° -121.608583 °	40
29	7.67	7.69	Earthen Levee	Encroachments	LS	PO	Landscaping	38.286653 ° -121.608398 °	38.286342 ° -121.608183 °	33
30	7.76	7.82	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.285807 ° -121.607258 °	38.285502 ° -121.606112 °	34

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Crown
Category	Earthen Levee
Item	Cracking
Cracks in crown roadway, the crown appears to be sinking in the middle	
phillips_s_20100316_011.jpg	



Levee Mile Report Line	5
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Crown
Category	Earthen Levee
Item	Cracking
This probe is stuck in the crack along the shoulder land ward, its in the crown 3-4 foot no resistance.	
phillips_s_20100316_012.jpg	



Levee Mile Report Line	5
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Crown
Category	Earthen Levee
Item	Cracking
Depression here has a difference in elevation 1-2-inches if nor more.	
phillips_s_20100316_013.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Crown
Category	Earthen Levee
Item	Cracking

Shown here with out the vehicle in view.

phillips_s_20100316_014.jpg



Levee Mile Report Line	5
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Crown
Category	Earthen Levee
Item	Cracking

Another view within same area. The County has placed caution signs within damaged area to slow the traffic down.

phillips_s_20100316_015.jpg



Levee Mile Report Line	7
Start Levee Mile	2.23
End Levee Mile	2.27
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees

Levee mile 2.23 looking downstream from waterside.

phillips_s_20100630_120.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	7
Start Levee Mile	2.23
End Levee Mile	2.27
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees
Looking downstream at 2.27 water side willows taken over slope snotinuing sownstream.	
phillips_s_20100630_121.jpg	



Levee Mile Report Line	10
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees
2.65 looking upstream from downstream end waterside.	
phillips_s_20100630_122.jpg	



Levee Mile Report Line	10
Start Levee Mile	2.65
End Levee Mile	2.77
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees
Looking upstream from levee mile 2.77.	
phillips_s_20100630_123.jpg	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	12
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees

Looking downstream form Levee mile 3.52 wild growth has overtaken slope on waterside.

phillips_s_20100630_124.jpg



Levee Mile Report Line	12
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees

Levee mile 3.52 standing on waterside looking upstream wild growth.

phillips_s_20100630_125.jpg



Levee Mile Report Line	12
Start Levee Mile	3.52
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees

Levee mile 3.55 land side tree growth on slope, you can't see the slope for wild growth. These trees has not been trimmed.

phillips_s_20100630_126.jpg



*** Location**

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WS : Water Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees
Levee mile 3.69 tree growth has blocked view of levee on the land side.	
phillips_s_20100630_127.jpg	



Levee Mile Report Line	14
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees
Looking downstream from 3.70 tall growth continues down stream from this point.	
phillips_s_20100630_128.jpg	



Levee Mile Report Line	24
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees
Levee mile 6.43 water side the wild growth blocks view of water ward slope, looking downstream. You can't see the levee section for the wild growth.	
phillips_s_20100630_129.jpg	

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	03/30/2010 03/30/2010	Herman Phillips

Levee Mile Report Line	24
Start Levee Mile	6.43
End Levee Mile	6.52
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin rees

Wild growth continues downstream, levee section blocked by growth.

phillips_s_20100630_130.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0501 Ryer Island

Waterway			Bank	Unit Miles
Unit No. 04 Sutter Slough			Right	2.33

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/31/2010 - 3/31/2010			
DWR Inspector	Herman Phillips			
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough						Right	2.33	03/31/2010 03/31/2010	Herman Phillips

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.02	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	20
2	0.02	0.02	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	25
3	0.11	2.33	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.284373 ° -121.604963 °	38.253943 ° -121.601842 °	1
4	0.16	2.33	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.283835 ° -121.604378 °	38.253960 ° -121.601835 °	2
5	0.50	1.15	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.279532 ° -121.601325 °	38.270747 ° -121.604477 °	3 Y
6	0.79	0.79	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.275540 ° -121.602223 °	38.275473 ° -121.602248 °	4
7	1.01	1.01	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.272733 ° -121.603940 °	38.272700 ° -121.603953 °	7
8	1.26	1.27	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.269173 ° -121.604218 °	38.269050 ° -121.604170 °	9
9	1.50	1.56	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.265997 ° -121.602758 °	38.265233 ° -121.602510 °	26
10	1.63	1.63	Earthen Levee	Encroachments	WS	M	Garbage	38.264223 ° -121.602140 °	38.264223 ° -121.602140 °	6
11	1.67	1.76	Earthen Levee	Trim / Thin rees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.263565 ° -121.602013 °	38.262287 ° -121.601722 °	12
12	1.84	1.87	Earthen Levee	Trim / Thin rees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The District needs to remove the fig trees from levee section or thin them out in order for inspection of levee section. The young oak trees shown in the photo should be remove before they mature into large trees.	38.261142 ° -121.601542 °	38.260653 ° -121.601435 °	14 Y
13	1.84	1.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.261283 ° -121.601488 °	38.261032 ° -121.601635 °	8
14	2.11	2.20	Earthen Levee	Vegetation	LS	U	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: wild grapes and berries growing out of control on the levee section land ward.	38.257462 ° -121.600755 °	38.256163 ° -121.600918 °	10 Y
15	2.18	2.20	Earthen Levee	Trim / Thin rees	LS	M	Trim trees to at least five feet above ground level.	38.256275 ° -121.600933 °	38.255990 ° -121.601015 °	13
16	2.21	2.32	Earthen Levee	Encroachments	LS	CO	Landscaping	38.255877 ° -121.601057 °	38.254382 ° -121.601498 °	16

*** Location**

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**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Spring 2010****Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	03/31/2010 03/31/2010	Herman Phillips

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	5
Start Levee Mile	0.50
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream land side wild growth laking over the slope continuing onward downstream to levee mile 1.15

phillips_s_20100630_131.jpg



Levee Mile Report Line	12
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees

Levee mile 1.84 looking downstream landside oak tree growth cover slope from hinge point to toe as seen in this photo.

phillips_s_20100630_132.jpg



Levee Mile Report Line	12
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin rees

Looking back upstream from landside the fig trees has not been maintained, they block the shoulder and slope of the levee section as well as hanging over the levee.

phillips_s_20100630_133.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	2.11
End Levee Mile	2.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 2.11 looking downstream berry vines completely covering levee section.

phillips_s_20100630_134.jpg



Levee Mile Report Line	14
Start Levee Mile	2.11
End Levee Mile	2.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth of berries continues. Another shot showing growth levee mile 2.11 looking towards 2.20 landward.

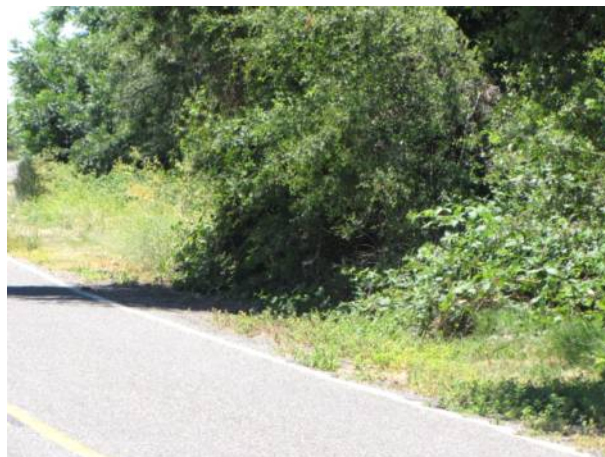
phillips_s_20100630_135.jpg



Levee Mile Report Line	14
Start Levee Mile	2.11
End Levee Mile	2.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream.

phillips_s_20100630_136.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	03/31/2010 03/31/2010	Herman Phillips

Levee Mile Report Line	14
Start Levee Mile	2.11
End Levee Mile	2.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking upstream at wild berries from shoulder to toe.

phillips_s_20100630_137.jpg



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